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|-------------------------------|------------------------|---------------------|--|
| <b>Notice of Allowability</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                               | 10/809,404             | HUANG, SHIH-YI      |  |
|                               | <b>Examiner</b>        | <b>Art Unit</b>     |  |
|                               | Steven M Marsh         | 3632                |  |

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's communication filed on 26 March 2004.
2. ☒ The allowed claim(s) is/are 1-10.
3. ☒ The drawings filed on 26 March 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

### **DETAILED ACTION**

This is the first office action for U.S. Application 10/809,404 for an Adjustable Support Foot filed by Shih-Yi Huang on March 26, 2004.

### ***Allowable Subject Matter***

Claims 1-10 are allowed. The following is an examiner's statement of reasons for allowance: The prior art fails to disclose an adjustable support foot with the following: A support post having a base and a screwed axle erected thereon; a plurality of retaining plates each provided with a screw thread on an inner wall thereof, a rim of an upper end of each of said retaining plates being provided with a tapered surface; a control device including a retaining cylinder, a control ring, a spring, an axial actuator and a radial actuator; whereby the retaining cylinder is a hollow cylindrical body provided with a lower receptacle hole and an upper axial hole, a top end of the receptacle hole being connected to the axial hole through a tapered section, a wall of the retaining cylinder surrounding the receptacle hole being provided with a plurality of inwardly tapered through holes each for housing a steel ball; the control ring being a ring body enclosing the retaining cylinder; an inner wall having a plurality of slots; the spring coaxially situating in an upper portion of the retaining cylinder and constantly pushing the control ring downward; the axial actuator being connected to the retaining plates for pulling the retaining plates outward by an elastic means thereof; an outer shell being a hollow body shell body enclosing the control device, the outer shell having two axial holes each on a top surface and a bottom surface thereof, the bottom axial hole

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further including an upwardly tapered section; whereby at least two retaining plates are used to engage the screwed axle of the support post and then housed in the receptacle hole of the retaining cylinder, the retaining plates being secured within the retaining cylinder by engaging the upper tapered surfaces of the retaining plates with the tapered section of the outer shell, the axial actuator and the radial actuator capable of being controlled from the outside for quickly adjusting the heights of the adjustable support foot.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Patent 5,148,892 to Lu

U.S. Patent 6,442,906 B1 to Hwang

U.S. Patent 5,000,416 to Fantasia

U.S. Patent 4,792,017 to Grove

U.S. Patent 5,853,065 to Hutson et al.

U.S. Patent 6,536,725 B2 to Fisher

U.S. Patent 6,799,660 B1 to Crawford

U.S. Patent 6,796,001 B1 to Finkelstein

U.S. Patent 6,711,985 B1 to Doyle

U.S. Patent 5,660,362 to Selby et al.

The above patents disclose various support foot assemblies.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven Marsh whose telephone number is (703) 305-0098. The examiner can normally be reached on Monday-Friday from 8:00AM to 4:30 PM. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.



Steven M. Marsh

November 29, 2004



LESLIE A. BRAUN  
SUPERVISORY PATENT EXAMINER